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Recombinant Vaccinia-Mgp100 Vaccine

National Cancer Institute

Source

National Cancer Institute. *Recombinant Vaccinia-Mgp100 Vaccine*. NCI Thesaurus. Code C51978.

A recombinant vaccinia virus encoding a modified peptide of the gp100 melanoma-melanocyte antigen with potential use in cancer immunotherapy. gp100 human antigen is a wild type self-antigen expressed by melanocytes, pigmented retinal cells and most melanomas. This recombinant vaccinia Mgp100 encodes a fragment epitope of gp100 bearing 2 amino acids substitution; T->M at position 210 and 288 A->V at position 210. This modification may stimulate tumor infiltrating lymphocytes (TIL) more efficiently.